

Car DVD Loader DSV-811



* Mechanism

Slim Dimensional DVD mechanism (W x H x D : 141.1 x 24.3 x 130.5)
Disc loading motorized.
Optical Pick-up drive for DVD and CD compatibility
Roller loading and eject system

* Protections

2nd disc insertion protect.
8cm disc protection

* Integrated PWB

Using the one chip solution (CD/DVD frontend and backend solution with host processor)

Shock memory	DVD-Video, VCD, SVCD	1902Kbytes
	CD-DA, DTS-CD, HDCD, CDG	4364Kbytes
	Data (MP3, WMA, JPEG)	1706Kbytes
	Data (MPEG)	1706Kbytes
Temperature detection.	70°C	

* Interface

8V / 5V / 3.3V power supply
CVBS Video output
Y/C(S-Video) output
RGB Video output
UART(RXD, TXD and REQUEST) control interface
SPDIF digital audio output
I²S bus digital audio output
I²S bus digital audio input (tbd)
CVBS Video input (tbd)
Down mixed analog output Lt/Rt (output level : 1.5Vrms)

* MultiRead

Capability to read	DVD Video (Single/Double layer)
	DVD Recordable, VIDEO CD
	CD Digital Audio, CD Recordable
	CD ReWritable, MP3 Playback
	HDCD, Hybrid SACD, SVCD

SPECIFICATIONS

Measuring conditions

according IEC68-1 part 5.3 standard conditions at Car DVD Loader unless otherwise stated

temperature	15°C to 35°C
rel.humidity	45% to 75%
air pressure	860 mbar to 1060 mbar
rate voltage	8.0V power / 5.0V power / 3.3V power
test disc	DTDVD / DTCD (DVS Korea : clean and undamaged)

Environmental Conditions

This Loader should be used under the conditions listed below.

Temperature and Humidity

Operating Temperature	-20°C to 70°C
Storage Temperature	-40°C to 85°C
Operating Humidity	0% to 80%
Storage Humidity	0% to 90%
Condensation	No condensation of the conditions above

Vibration

Operating	No unrecoverable error 10-200Hz sine sweep rate in 1 octave/min 0.8G in Z directions 30 min/each direction
Non-Operating	No damage, No unrecoverable error 10-200Hz sine sweep rate in 1 octave/min 3G in X, Y and Z directions 30 min/axis

Shock

Non-Operating	No damage, No unrecoverable error 10 msec half-sine wave 50G(490m/s ²) 1 time in each direction
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Operating angle

The DSV-811 can operate at horizontal only

Weight

DSV-811(Car DVD Loader) only : typ. 350g

Mechanical dimensions

W x H x D : 141.1 x 24.3 x 130.5

